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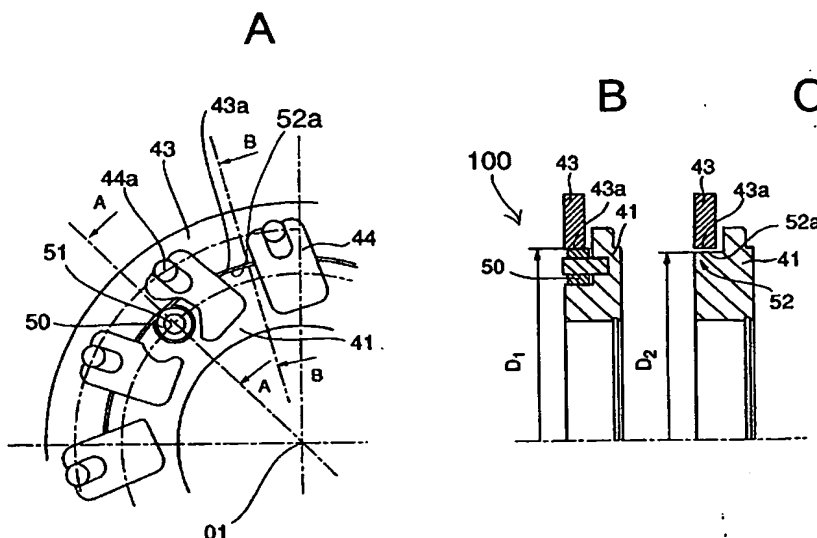
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(54) Title: VARIABLE NOZZLE TURBOCHARGER AND MANUFACTURING METHOD



(57) Abstract: An exhaust gas turbocharger with a fail-safe variable-nozzle mechanism. Even if wear of the drive ring supporting part increases, the drive ring can be supported on the nozzle mount on a second supporting part. The second supporting part enables the drive ring to be always supported rightly on the nozzle mount, and to prevent the occurrence of eccentric rotation or dropping out of the drive ring due to excessive wear of the drive ring supporting part. It also prevents the occurrence of reduction in engine performance due to malfunctions of the variable-nozzle mechanism and the occurrence of breakage of the variable-nozzle mechanism as has been experienced in prior art. In another embodiment, the variable-nozzle mechanism assembly is constructed as a cartridge which can be easily incorporated in or removed from the turbocharger.



RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
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